

IN THE CLAIMS

Please amend the claims as follows:

Claims 1 and 2 (Canceled).

Claim 3 (Previously Presented): A photoelectric conversion device comprising a semiconductor and a polymeric electrically conducting agent, wherein:

said polymeric electrically conducting agent has a melting point temperature which is lower than the operation temperature of said photoelectric conversion device, ~~and wherein~~

said polymeric electrically conducting agent has a glass transition temperature T_g , and the polymeric electrically conducting agent is a hole transporting agent.

Claim 4 (Previously Presented): The photoelectric conversion device according to Claim 3, wherein the melting temperature of the polymeric electrically conducting agent is about 140° C or less.

Claims 5 and 6 (Canceled).

Claim 7 (Previously Presented): The photoelectric conversion device according to Claim 3, wherein the glass transition temperature T_g is about 60° C or less.

Claims 8 and 9 (Canceled).

Claim 10 (Previously Presented): The photoelectric conversion device according to Claim 3, wherein the semiconductor is sensitized with a dye.

Claim 11 (Previously Presented): The photoelectric conversion device according to Claim 3, wherein said polymeric electrically conducting agent comprises at least one organic compound.

Claim 12 (Previously Presented): The photoelectric conversion device according to Claim 11, wherein said polymeric electrically conducting agent comprises a mixture of at least two organic compounds.

Claim 13 (Previously Presented): The photoelectric conversion device according to Claim 11, wherein said polymeric electrically conducting agent further comprises at least one dopant.

Claim 14 (Canceled):

Claim 15 (Previously Presented): The photoelectric conversion device according to Claim 10, wherein said dye is a ruthenium complex.

Claim 16 (Previously Presented): The photoelectric conversion device according to Claim 3, wherein said semiconductor is porous.

Claim 17 (Previously Presented): The photoelectric conversion device according to Claim 16, wherein said semiconductor comprises nanoparticles.

Claims 18-30 (Canceled).

Claim 31 (Previously Presented): A solar cell comprising a photoelectric conversion device according to Claim 3.

Claims 32-62 (Canceled).

Claim 63 (Previously Presented): The photoelectric conversion device according to Claim 17, wherein said nanoparticles are TiO_2 .